

PROPOSED AGENDA

Illinois River Watershed and Lake Tenkiller: Water Quality Modeling Project Update

Tuesday, March 6, (12:30 – 4:30 p.m.) – Red River Conference Room, 11th Floor, Region 6

Anticipated Attendees:

EPA Region 6: David Garcia, Stacey Dwyer, Richard Wooster, Taimur Shaikh

ODEQ: Shellie Chard, Joe Long

ADEQ: Caleb Osbourne (via telephone), Bob Blanz, Tate Wentz

1. Welcome (12:30 - 12:45): Garcia
 - a. Re-engagement of Principals
 - b. Meeting Objectives
2. Project Background and Context (12:45 – 1:15): Wooster
 - a. Statutory and Regulatory Framework
 - b. First Statement of Joint Principles and Actions (2003)
 - c. Northwest Arkansas Conservation Authority – Regional WWTP (2008)
 - d. Modeling Project History (November 2009 – Present)
3. Technical Issues and Resolutions (1:15 – 2:30): Shaikh
 - a. Meteorological Data
 - b. Litter and Fertilizer Applications
 - c. Modeling Drought Years – Water Balance Function
 - d. Modeling Surface and Upper Layer Fractionation of Nutrients
 - e. Atmospheric Deposition of Nitrogen
 - f. Denitrification Rates
 - g. Baseline Model Run Conditions
 - h. Conceptual Approaches and Scenarios
 - i. Lake Tenkiller Calibration
4. Break (2:30 – 2:45)
5. Proposed Next Steps (2:45 – 3:15): Dwyer
 - a. Solicit Stakeholder Comments
 - b. Revise Models as Appropriate
 - c. Engage Principals Regarding Load Reduction Scenarios and Management Approaches
 - d. Provide Models, Scenarios, and Narrative Discussion of Nutrient Reduction Strategies
6. Questions, Comments, Concerns (3:15 – 4:15): All
7. Wrap-Up (4:15 – 4:30): TBD